

ABSTRACT**A VENTILATING DEVICE, ESPECIALLY FOR A MOTOR VEHICLE ALTERNATOR**

The ventilating device, adapted to be fixed on a rotor of a rotary electrical machine, comprises a first fan (62a) having a radial plate portion (64a), at least one second fan (62b) having a radial plate portion (64b), and means for fastening the two fans (62a, 62b), each fan (62a, 62b) having, at the outer periphery of its radial plate portion, first branches (78a) and second branches (78b) which extend radially outwards, at least some of the branches having a blade (68a, 68b), while at least one first branch (78a) and at least one second branch (78b) includes a first (78a) and a second (78b) mutual overlapping portion to define an overlap zone (Z), the said fastening means (80, 82) being at least partly arranged at the level of the overlap zone.

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[Figure 3A]